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UTILITY PATENT APPLICATION TRANSMITTAL

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pond to a concession of intermetation affices it displays a valid of the control fidure						
Attorney Docket No.	24061.32 (TSMC2002-1078)					
First Inventor	Wen Chin Lin					
Title	MULTI-SENSING LEVEL MRAM STRUCTURE WITH DIFFERENT					
Everess Mail Label No.	EV 333435839 US					

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See MPEP c	—	ION ELEMENTS ming utility patent application contents.	ADDRESS TO:	Mail Stop Patent Ap Commissioner for P P.O. Box 1450 Alexandria VA 2231	Patents			
2. Submit Applica See 37 3. Specifi (preferm - Descri - Cross - Staten - Refers or a cc - Backg - Brief S - Brief S - Details	t an original and a cant claims small 7 CFR 1.27. ication red arrangement seriptive title of the invisible Reference to Relament Regarding Ference to sequence I omputer program liground of the Invensummary of the Invense Description of the Description	[Total Pages 22] If forth below) If the property of the pro	Computer Programme Statement Stateme	uter Readable Form (C fication Sequence Listin CD-ROM or CD-R (2 co Paper ments verifying identity	ce Submission CRF) ng on: opies); or			
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- Claim(s) - Abstract of the Disclosure 4.			7 CFR 1.76: tion-in-part (CIP) of prior application No.:					
		ied upon when a portion has been inadvert 19. CORRESPOND						
Custom	ner Number:	27683	OR	Corresponden	ce address below			
Name	David M. O'Dell	I						
	Haynes and Boo							
Address	901 Main Street							
City	Dallas		State TX	Zip	Zip Code 75202			
Country	USA	Τε	elephone 9720739-863	35 F	ax 972-692-9118			
Name (Print/Ty)	pe) David M. O	יום (אסמיני	Registration No. (Attor	mey/Agent) 42,044	····			
Signature		(1)/192010)		Date	10-3-02			
				I	10000			

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Lin et al.	§ §	Attorney Docket No.: 24061.32 (TSMC2002-1078)
Serial No. Unknown	§ §	Customer No. 27683
Filed: Herewith	§ §	Group Art Unit: Unknown
For: MULTI-SENSING LEVEL MRAM STRUCTURE WITH DIFFERENT MAGNETORESISTANCE RATIOS	\$ \$ \$ \$	Examiner: Unknown

TRANSMITTAL

Mail Stop Applications Commissioner For Patents P. O. Box 1450 Alexandria, VA 22313-1450

I hereby certify that the following papers and fee:

- 1. Utility Patent Application Transmittal Sheet;
- 2. Fee Transmittal Sheet in duplicate;
- 3. Utility Patent Application consisting of 22 pages of Specification, 26 claims, and 1 page of Abstract of Disclosure;
- 4. Four (4) Drawing Sheets;
- 5. Application Data Sheet;
- 6. Check in the amount of \$986.00;
- 7. Express Mail Certificate; and
- 8. Return Postcard

are being deposited with the United States Postal Service under Express Mail Number EV 333435839 US as "Express Mail Post Office to Addressee" to the Commissioner for Patents, Mail Stop Patent Application, Alexandria, VA 22313-1450 on the 3rd day of October, 2003 by

Bonnie E. Boyle		
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Bonne	Boyle	
Signature	()	

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FEE TRANSMITTAL		Complete if Known							
FEE IKANSIVIIIIAL			Application Number						
for FY 2004		Filing Date							
Effective 10/01/2003. Patent fees are subject to annual revision.		First Named Inventor Wen		/en Cł	nin Lin				
<u> </u>		Exam	iner Na	me					-
Applicant claims small entity status. See 37 CFR 1.27		Art U	nit					·	
TOTAL AMOUNT OF PAYMENT (\$) 986.00		Attorney Docket No. 24061.32 (TSMC2002-1078)			<u></u>				
METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)							
Check Credit card Money Other None		3. ADDITIONAL FEES Large Entity Small Entity							
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Number	1051		2051		_	-	filing fee or		
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The Director is authorized to: (check all that apply)	1053				-	English specification			
Charge fee(s) indicated below Credit any overpayments	1	2,520			_	filing a request for ex parte reexamination			
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1. BASIC FILING FEE	1252	420	2252	210	Extension	on for re	ply within se	cond month	
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1002 340 2002 170 Design filing fee	1401		2401	165	Notice o	of Appea	ıl		
1003 530 2003 265 Plant filing fee	1402		2402		-		support of ar	n appeal	
1004 770 2004 385 Reissue filing fee	1403		2403		Request		-		
1005 160 2005 80 Provisional filing fee	1451	1,510	2452				ite a public ι e - unavoidal	use proceeding	
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SUBTOTAL (2) (\$) 216.00 **or number previously paid, if greater; For Reissues, see above			Basic Fi	ling Fe	ee Paid	s	UBTOTAL	(3) (\$) 0.00	
SUBMITTED BY (Complete (if applicable))									
Name (Print/Type) David M. Dell	T	Registra		42 (044		<u> </u>	972-739-8660	
Signature		(Attorney	(Agent)	1	<u> </u>	$\overline{}$	Date	(0-3-88	

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